

EDF Energy and Nuvve Corporation announce plans to install 1,500 smart electric chargers in the United Kingdom

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[EDF Energy and Nuvve are partnering to install up to 1,500 V2G chargers in the UK](#)

EDF Energy is announcing a partnership with a leading green technology company, Nuvve, to install up to 1,500 Vehicle to Grid (V2G) chargers in the UK.

The chargers will be offered to EDF Energy's business customers and will be used at its own sites to provide up to 15 megawatts of additional energy storage capacity. That's the equivalent amount of energy required to power 4,000 homes.

The stored electricity will be made available for sale on the energy markets or for supporting grid flexibility at times of peak energy use.

Smart charging is expected to play a significant role in balancing the grid as the country moves towards wider adoption of electric vehicles (EV). V2G chargers allow a two-way flow of electricity between an EV and the charger, representing a potentially valuable opportunity to further enhance the electricity system benefits of EVs through provision of large volumes of cheap storage and flexibility.

Using the V2G chargers, EVs give unused electricity back to the charger for customers to either use the energy themselves, send it back to the grid, or to participate in energy markets, providing savings on energy costs and generating additional revenues.

EDF Energy is the largest electricity supplier to UK businesses and its partnership with Nuvve could see the largest deployment of V2G chargers so far in this country.

More than one million new vehicles are bought by businesses each year¹ and the UK Government has pledged that by 2030, at least 50 percent of new cars and 40 percent of new vans sold in the UK will be electric². V2G chargers could help businesses generate revenues from vehicles that have previously only been a cost on their balance sheet – saving hundreds of pounds per vehicle a year.

Beatrice Bigois, Managing Director of Customers at EDF Energy, said: “With 55 percent of new vehicles coming on to the road through businesses³, they will play a key role in the transition to electric transport. Through this partnership with Nuvve, we are investing in smart technologies that will help our business customers electrify their fleets in a cost effective way and support the UK’s ambition for clean growth.”

Gregory Poilasne, Co-Founder and CEO of Nuvve, said: “Nuvve is proud to be working with EDF Energy to commercialize our V2G charging technology in the UK. The UK is ahead of the game when it comes to integrating wind and solar on the electric grid and V2G is the perfect way to supplement these efforts.”

Energy and Clean Growth Minister Claire Perry said: “Thanks to government investment, we are a world leader in vehicle-to-grid technology which can help balance our energy needs and bring about a smarter, more flexible energy system as part of our modern Industrial Strategy.

“These 1,500 electric chargers will provide much needed green infrastructure for businesses as they seize the opportunities of the electric vehicle revolution, reducing running costs, improving air quality and unlocking the capability to store energy which can be transmitted back into the grid when it’s needed most.”

EDF Group and NUVVE have signed a strategic partnership agreement with a view to forming a joint venture to develop these solutions in Europe. The San Diego-based green energy technology pioneer has deployed V2G projects on five continents including the world’s first fully commercial V2G hub in Denmark which has been operational for two years now.

Earlier this month, EDF President Jean-Bernard Lévy detailed the Group’s strategic plans on electric transport, including its plan to be the leading energy company for EVs by 2022

across its four largest European markets: France, the United Kingdom, Italy and Belgium.

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Notes to Editors

1. Figure based on business and fleet vehicles, <https://www.smmmt.co.uk/2018/01/uk-new-car-market-declines-2017-demand-still-third-highest-10-years/>
2. <https://www.gov.uk/government/news/government-launches-road-to-zero-strategy-to-lead-the-world-in-zero-emission-vehicle-technology>
3. <https://www.smmmt.co.uk/2018/01/uk-new-car-market-declines-2017-demand-still-third-highest-10-years/>

About Nuvve Corporation:

Nuvve Corporation is a San Diego-based green energy technology company whose mission is to lower the cost of electric vehicle ownership while supporting the integration of renewable energy sources, including solar and wind. Our proprietary vehicle-to-grid (V2G) technology – Nuvve’s Grid Integrated Vehicle (GIVe™) platform – is refueling the next generation of electric vehicle fleets through cutting-edge, bi-directional charging solutions. Since our founding in 2010, Nuvve has been responsible for successful V2G projects on five continents and is deploying commercial services worldwide. For more information please visit www.nuvve.com or follow us on LinkedIn and Twitter.

EDF Energy is the UK’s largest producer of low-carbon electricity, meeting around one-fifth of the country’s demand and supplying millions of customers and businesses with electricity and gas.

It generates electricity with eight nuclear power stations, more than 30 wind farms, one gas and two coal power stations, as well as with combined heat and power plants.

EDF Energy is leading the UK’s nuclear renaissance with the construction of a new nuclear power station at Hinkley Point C. This will provide low carbon electricity to meet 7% of UK demand. The project is already making a positive impact on the local and national economy, British industry, as well as boosting skills and education. EDF Energy also invests in a range of low carbon technologies including renewables and battery

storage. It is applying research and development expertise to improve the performance of existing generation and developing the potential of new technologies.

The company provides gas and electricity for more than 5 million customer accounts and is the biggest supplier of electricity by volume in Great Britain and the largest supplier to British businesses. It offers innovative energy systems for commercial customers and digital innovation for customers at home. EDF Energy has also launched its own innovation accelerator, Blue Lab, which focuses on making customers' lives easier.

[The Better Plan](#) is EDF Energy's framework for being a sustainable and responsible energy business and is an integral part of EDF's 2030 vision to be the efficient, responsible electricity company, and champion of low-carbon growth. The Better Plan is underpinned by comprehensive environmental and social programmes which have been recognised by a wide range of organisations.

EDF Energy is part of EDF Group, the world's biggest electricity generator. In the UK, the company employs around 13,000 people at locations across England and Scotland.

To find out more about the UK's energy challenges visit:
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